

Title (en)
FILM-FORMING COMPOSITION, METHOD FOR PRODUCING SURFACE-TREATED METAL MEMBER, AND METHOD FOR PRODUCING METAL-RESIN COMPOSITE

Title (de)
FILMBILDENDE ZUSAMMENSETZUNG, VERFAHREN ZUR HERSTELLUNG EINES OBERFLÄCHENBEHANDELTEN METALLELEMENTS UND VERFAHREN ZUR HERSTELLUNG EINES METALL-HARZ-VERBUNDSTOFFES

Title (fr)
COMPOSITION FILMOGÈNE, PROCÉDÉ DE PRODUCTION D'UN ÉLÉMENT MÉTALLIQUE TRAITÉ EN SURFACE ET PROCÉDÉ DE PRODUCTION D'UN COMPOSITE MÉTAL-RÉSINE

Publication
EP 3636802 B1 20210519 (EN)

Application
EP 18798853 A 20180302

Priority
• JP 2017094633 A 20170511
• JP 2018008188 W 20180302

Abstract (en)
[origin: EP3636802A1] The coating film-forming composition includes an aromatic compound having an amino group and an aromatic ring in one molecule, and thio compound (sulfur oxoacids having a pKa of -1.9 or less and salts thereof are excluded). pH of the coating film-forming composition is 4 to 10. The thio compound is preferably one that ionized to form anions in a solution, and thiosulfate and thiocyanate are especially preferable. By bringing the coating film-forming composition into contact with the surface of a metal member, a coating film is formed on the surface of the metal member, so that a surface-treated metal member can be obtained.

IPC 8 full level
C23C 26/00 (2006.01); **B32B 15/08** (2006.01); **C09D 5/00** (2006.01); **C09D 201/02** (2006.01); **C23C 22/06** (2006.01); **C23C 22/52** (2006.01); **C23C 22/63** (2006.01); **C23C 22/68** (2006.01); **H05K 3/38** (2006.01)

CPC (source: EP KR US)
B32B 15/08 (2013.01 - EP KR US); **B32B 15/20** (2013.01 - US); **B32B 37/12** (2013.01 - US); **C05D 5/00** (2013.01 - KR); **C09D 5/00** (2013.01 - EP); **C09D 201/02** (2013.01 - KR); **C09J 5/02** (2013.01 - KR US); **C09J 11/04** (2013.01 - US); **C09J 179/02** (2013.01 - US); **C23C 22/06** (2013.01 - KR US); **C23C 22/52** (2013.01 - EP); **C23C 22/63** (2013.01 - EP KR US); **C23C 22/68** (2013.01 - EP KR US); **C23C 26/00** (2013.01 - EP); **C23G 1/103** (2013.01 - EP); **H05K 3/38** (2013.01 - EP KR); **H05K 3/386** (2013.01 - US); **C09J 2400/166** (2013.01 - US); **C09J 2479/02** (2013.01 - US); **C23C 2222/20** (2013.01 - EP)

Cited by
EP3943640A1; US11230644B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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